

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID:	16140
Application ID:	10064289
Title of Invention:	PRODUCT ORDER OPTIMIZATION IN REAL TIME BASED ON COMPONENT INFORMATION
First Named Inventor:	CHARLES KUHLMANN
Domestic/Foreign Application:	Domestic Application
Filing Date:	null
Effective Receipt Date:	2002-06-28
Submission Type:	Utility Patent Filing
Filing Type:	new-utility
Confirmation Number:	0
Attorney Docket Number:	RAL920010029
Digital Certificate Holder;	cn=Scott Warner Reid, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest:	wK+uiT6sxXIMAUOaJN+W/w==
Total Fees Authorized:	\$780.0
Payment Category:	DA - Deposit Account
Deposit Account Number:	500563
Deposit Account Name:	Scott W Reid

# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

RAL920010029

Submission Type: Utility  
Patent Filing

## PRODUCT ORDER OPTIMIZATION IN REAL TIME BASED ON COMPONENT INFORMATION

First Named Inventor: CHARLES EDWARD KUHLMANN

### SUBMITTED BY

Name:	SCOTT W REID
Registration Number:	42098
Electronic Signature Mark: SCOTT W REID /SWR/	Date Signed: 20020628

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	RAL920010029DECPG1.tif
declaration	RAL920010029DECPG2.tif

declaration	RAL920010029DECPG3.tif
declaration	RAL920010029DECPG4.tif
bibd-transmittal	RAL920010029US1apds.xml
patent-assignments	RAL920010029US1asgn.xml
fee-transmittal	RAL920010029US1fee.xml
specification	RAL920010029.xml

**Attached Image File(s):**

RAL920010029DECPG1.tif  
RAL920010029DECPG2.tif  
RAL920010029DECPG3.tif  
RAL920010029DECPG4.tif

**Comments:**

PLEASE RECORD ATTORNEY DOCKET NUMBER AS RAL920010029US1

PATENT

# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

## PRODUCT ORDER OPTIMIZATION IN REAL TIME BASED ON COMPONENT INFORMATION

the specification of which is identified by the attorney (IBM) docket number below:

XXX under Attorney's Docket Number RAL920010029US1  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56.

I hereby claim the benefit of foreign priority under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application the priority of which is claimed:

Prior Foreign Application(s):			Priority Claimed
_____	_____	_____	Yes No
(Number)	(Country)	(Filing Date)	

I hereby claim the benefit of United States priority under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Serial #)	(Filing Date)	(Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

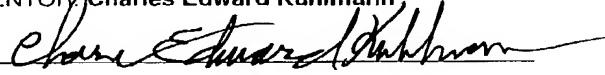
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint all attorneys and/or agents associated with **CUSTOMER NO.: 25299**; and the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Carlos Munoz-Bustamante	Reg. No. 51,349
Joscelyn G. Cockburn	Reg. No. 27,069
John D. Flynn	Reg. No. 35,137
George E. Grosser	Reg. No. 25,629
Daniel E. McConnell	Reg. No. 20,360
Martin J. McKinley	Reg. No. 31,782
Scott W. Reid	Reg. No. 42,098
J. Bruce Schelkopf	Reg. No. 43,901

Send correspondence to Scott W. Reid, at **CUSTOMER NO.: 25299** and direct all telephone calls to Scott W. Reid at (919) 254-1085.

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FULL NAME OF FIRST INVENTOR: **Charles Edward Kuhlmann**

INVENTOR'S SIGNATURE: 

DATE: 6/27/92

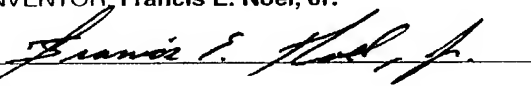
RESIDENCE: 4705 Joseph Michael Court; Raleigh, North Carolina 27606

CITIZENSHIP: USA

POST OFFICE ADDRESS: same as residence

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FULL NAME OF SECOND INVENTOR: **Francis E. Noel, Jr.**

INVENTOR'S SIGNATURE: 

DATE: 6/26/92

RESIDENCE: 4021 Swarthmore Road; Durham, North Carolina 27707

CITIZENSHIP: USA

POST OFFICE ADDRESS: same as residence

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FULL NAME OF THIRD INVENTOR: Ann Marie Rincon

INVENTOR'S SIGNATURE: Ann Marie Rincon

DATE: 6/25/0

RESIDENCE: 519 North Street; Burlington, Vermont 05401

CITIZENSHIP: USA

POST OFFICE ADDRESS: same as residence

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FULL NAME OF FOURTH INVENTOR: Norman Clark Strole

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: 11400 Black Horse Run; Raleigh, North Carolina 27613

CITIZENSHIP: USA

POST OFFICE ADDRESS: same as residence

---

FULL NAME OF THIRD INVENTOR: **Ann Marie Rincon**

INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

RESIDENCE: 519 North Street; Burlington, Vermont 05401

CITIZENSHIP: USA

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---

FULL NAME OF FOURTH INVENTOR: **Norman Clark Strole**

INVENTOR'S SIGNATURE: Norman Clark Strole

DATE: 6/25/0

RESIDENCE: 11400 Black Horse Run; Raleigh, North Carolina 27613

CITIZENSHIP: USA

POST OFFICE ADDRESS: same as residence



# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 50-0563  
Deposit Account Name: IBM Corporation



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Scott W Reid  
Electronic Signature Mark: Scott W Reid /swr/  
Date Signed: 20020628

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40